

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	4	(US-20040144537-\$ or US-20040171499-\$). did. or (US-3256936-\$ or US-3145773-\$).did.	US-PGPUB; USOCR	OR	ON	2008/04/02 14:26
L8	532111	drill\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:27
L9	965132	circulat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:27
L10	3	7 and 8 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:27
L11	61	507/125.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/02 14:54
L12	1200	166/305.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/02 14:54
L13	1260	L11 L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:54
L14	2283201	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55
L15	1734	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55
L16	6080837	fluid or water or seawater or h2o or "h. sub.2o"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55

L17	278811	(subterranean with formation) or (well with (hydrocarbon or oil)) or wellbore or well\$1bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55
L18	961170	elastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55
L19	7	((L14 adj L18) or L15) with L16) and L17 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/02 14:55
S1	1	"20050113262".pn.	US-PGPUB; USPAT	OR	ON	2006/03/02 15:29
S2	50	("20020040079"   "20020108782"   "20020108786"   "20040007360"   "20040163812"   "20040211562"   "20040211564"   "20040244978"   "20040251026"   "20050284641"   "4063603"   "4234344"   "4304298"   "4340427"   "4362566"   "4367093"   "4370166"   "4450009"   "4450010"   "4460052"   "4498995"   "4565578"   "4676317"   "4700780"   "4703801"   "4806164"   "5124186"   "5456721"   "5779787"   "5826669"   "5837739"   "5839520"   "5959762"   "6143069"   "6197418"   "6279652"   "6367549"   "6398866"   "6457524"   "6508305"   "6516883"   "6518224"   "6527051"   "6530437"   "6554071"   "6626991"   "6645288"   "6656265"   "6723800"   "6742592").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:05

S3	97663	silane	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:05
S4	2	S2 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:06
S5	1	"7007755".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:38
S6	0	S5 and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:09
S7	1053	166/305.1.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:19
S8	57	507/125.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:10
S9	25	(S7 or S8) and S3	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:19
S10	17	S9 and (coat\$4 or encapsulat\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:20
S11	1	"6508305".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/15 10:38
S12	49	(US-4546318-\$ or US-4535851-\$ or US-6290778-\$ or US-5299453-\$ or US-5836353-\$ or US-6171312-\$ or US-6173916-\$ or US-6263730-\$ or US-6427785-\$ or US-5184682-\$ or US-5330294-\$ or US-4519452-\$ or US-4579668-\$ or US-5178218-\$ or US-5909779-\$ or US-6280521-\$ or US-6308788-\$ or US-6374925-\$ or US-6386300-\$ or US-6405809-\$ or US-6443242-\$ or US-6527062-\$ or US-5806612-\$ or US-4522447-\$ or US-5533381-\$ or US-4299122-\$).did. or (US-4357013-\$ or US-4491009-\$ or US-4855759-\$ or US-4871316-\$ or US-4873553-\$ or US-5241513-\$ or US-5398547-\$ or US-5404211-\$ or US-5508087-\$ or US-	USPAT	OR	ON	2006/06/15 10:40

		5589245-\$ or US- 5682686-\$ or US- 5879091-\$ or US- 5887212-\$ or US- 6007574-\$ or US- 6047406-\$ or US- 6182929-\$ or US- 6226460-\$ or US- 6230578-\$ or US- 6398992-\$ or US- 5301759-\$ or US- 3842907-\$ or US- 4262343-\$ or US- 4365679-\$).did.				
S13	4812081	(subterranean with formation) or well or wellbore or well\$1 bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:55
S15	125678	((elastic or expand\$4 or compress\$5 or foam\$4) with (bead or particle or particulate)) or expansel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:04
S16	2614254	coat\$4 or encapsul\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:50
S17	155958	silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:50
S18	0	S13 and S15 and S16 and S17	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:51
S19	75	S13 and S15 and S16 and S17	USOCR	OR	ON	2006/06/15 10:52
S20	6	S13 and (S15 with S16) and (S16 with S17)	USOCR	OR	ON	2006/06/15 10:54
S21	232	S13 and (S15 with S16) and (S16 with S17)	US-PGPUB; USPAT	OR	ON	2006/06/15 10:55
S22	32464	(subterranean with formation) or wellbore or well\$1 bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 10:55
S23	26	S22 and (S15 with S16) and (S16 with S17)	US-PGPUB; USPAT	OR	ON	2006/06/15 11:08

S25	1999091	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:06
S26	2487796	elastic or expand\$4 or compressible or foam\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:06
S27	1261	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:06
S29	42163	(S25 with S26) or S27	US-PGPUB; USPAT	OR	ON	2006/06/15 11:08
S30	4	S22 and S29 and (S25 with S16) and (S16 with S17)	US-PGPUB; USPAT	OR	ON	2006/06/15 13:34
S31	2614254	coat\$4 or encapsul\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:34
S32	155958	silane	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:34
S33	32464	(subterranean with formation) or wellbore or well\$1bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:34
S34	1999091	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:34
S35	1261	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 13:34
S36	0	S33 and S35 and (S34 with S31) and (S31 with S32)	US-PGPUB; USPAT	OR	ON	2006/06/15 13:35
S37	0	S33 and S35 and ((S34 or S35) with S31) and (S31 with S32)	US-PGPUB; USPAT	OR	ON	2006/06/15 13:36

S38	2	S33 and S35 and ((S34 or S35) with S31)	US-PGPUB; USPAT	OR	ON	2006/06/15 14:00
S39	1	"20040144537".pn.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:00
S40	5	(US-20040142826-\$ or US-20050019574-\$ or US-20050006095-\$ or US-20040171499-\$). did. or (US-6508305-\$). did.	US-PGPUB; USPAT	OR	ON	2006/06/15 14:36
S41	50	(US-20050284641-\$ or US-20040251026-\$ or US-20040244978-\$ or US-20040211564-\$ or US-20040211562-\$ or US-20040163812-\$ or US-20040007360-\$ or US-20020108786-\$ or US-20020108782-\$ or US-20020040079-\$). did. or (US-6742592-\$ or US-6530437-\$ or US- 6723800-\$ or US- 6656265-\$ or US- 6645288-\$ or US- 6626991-\$ or US- 6554071-\$ or US- 6527051-\$ or US- 6518224-\$ or US- 6516883-\$ or US- 6508305-\$ or US- 6143069-\$ or US- 6457524-\$ or US- 6398866-\$ or US- 6367549-\$ or US- 6279652-\$ or US- 6197418-\$ or US- 5124186-\$ or US- 5959762-\$ or US- 5839520-\$ or US- 5837739-\$ or US- 5826669-\$ or US- 5779787-\$ or US- 4676317-\$ or US- 5456721-\$ or US- 4806164-\$).did. or (US- 4703801-\$ or US- 4700780-\$ or US- 4370166-\$ or US- 4565578-\$ or US- 4498995-\$ or US- 4460052-\$ or US- 4450010-\$ or US- 4450009-\$ or US- 4234344-\$ or US- 4063603-\$ or US-	US-PGPUB; USPAT	OR	ON	2006/06/15 14:36

		4367093-\$ or US- 4362566-\$ or US- 4340427-\$ or US- 4304298-\$).did.				
S42	4	S40 not S41	US-PGPUB; USPAT	OR	ON	2006/06/15 14:36
S43	266327	sea or undersea or offshore or off\$1shore or (off adj shore)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:03
S44	11199	(borehole or bore \$1hole or (bore adj hole)) with (diameter or schedule)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:06
S45	3265	drilling same riser	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:11
S46	4	(US-20050006095-\$ or US-20040142826-\$ or US-20050019574-\$ or US-20040171499-\$). did.	US-PGPUB	OR	ON	2006/10/10 15:07
S47	1	S46 and (S43 S44 S45)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:07
S48	117	S43 and S44 and S45	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:08
S49	37941	drilling with fluid	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:08
S50	95	S48 and S49	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:08
S51	0	S48 and S49	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:08
S52	0	S48 and S49	FPRS	OR	ON	2006/10/10 15:08

S53	3	S48 and S49	USOCR	OR	ON	2006/10/10 15:09
S54	92	S48 and S49	US-PGPUB; USPAT	OR	ON	2006/10/10 15:09
S55	79	S54 and (drilling with (method or process))	US-PGPUB; USPAT	OR	ON	2006/10/10 15:10
S56	38	S54 and ((drilling with (method or process)).ti. or (drilling with (method or process)). ab.)	US-PGPUB; USPAT	OR	ON	2006/10/10 15:10
S57	2151	riser with inject\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:12
S58	6	S56 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:12
S59	473	riser with inject\$4 with fluid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:12
S60	5	S56 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/10 15:12
S61	16	("20050113262"   "20050284641"   "6330916"   "7004255"   "7037881"   "7049272"   "7108066"   "6645288"   "20040144537"   "20050061206"   "20060254775"   "20070027036"   "3174561"   "3231030"   "7108066").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 09:54
S62	2	("4362566" "6507305"). PN.	USPAT	OR	ON	2007/03/14 11:29
S63	2	("4362566" "6508305"). PN.	USPAT	OR	ON	2007/03/14 11:29
S64	59	507/125.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:21
S65	1117	166/305.1.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:21



S66	106263	silane	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:29
S67	27	(S65 or S64) and S66	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:29
S69	2100900	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:31
S70	2621963	elastic or expand\$4 or compressible or foam\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:31
S71	1398	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:33
S72	5663187	fluid or water or seawater or h2o or "h. sub.2o"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:34
S75	264320	(subterranean with formation) or (well with (hydrocarbon or oil)) or wellbore or well\$1bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:35
S76	2206	S75 and S72 and S69 and S70 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:36
S77	62	S75 and S72 and S69 and S70 and S71 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:38
S78	0	S75 and S72 and S69 and S70 and S71 and S66	PPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 11:38
S79	0	S75 and S72 and S69 and S70 and S71 and S66	USOCR	OR	ON	2007/03/15 11:38
S80	0	S75 and S72 and (S69 and S70) and (S69 with S71) and (S66 with (S69 or S71))	US-PGPUB; USPAT	OR	ON	2007/03/15 11:40

S81	25	S75 and S72 and (S69 and S70) and (S69 with S71) and ((S66 or coat \$4) with (S69 or S71))	US-PGPUB; USPAT	OR	ON	2007/03/15 11:53
S82	32	("20020108782"   "20020108786"   "20050284641"   "4063603"   "4234344"   "4304298"   "4340427"   "4367093"   "4370166"   "4450009"   "4450010"   "4460052"   "4498995"   "4565578"   "4676317"   "4700780"   "4703801"   "4806164"   "5124186"   "5837739"   "6279652"   "6330916"   "6367549"   "6398866"   "6457524"   "6508305"   "6518224"   "6530437"   "6645288"   "7004255"   "7037881"   "7049272").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 11:47
S83	58	S75 and S72 and (S69 and S70) and (S69 with S71)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:57
S84	4	(S83 not S81) and ("507"/\$.ccls. or "166"/ \$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:58
S85	3517	S75 and S72 and ((S69 or S71) with S70)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:59
S86	830	S85 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/15 16:33
S87	70	S75 and S72 and ((S69 or S71) with S70) and (S66 with coat\$4)	US-PGPUB; USPAT	OR	ON	2007/03/15 11:59
S88	5	S87 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/15 12:00
S89	106263	silane	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/15 16:33
S90	2100900	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:33

S91	2621963	elastic or expand\$4 or compressible or foam\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:51
S92	1398	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:33
S93	5663187	fluid or water or seawater or h2o or "h. sub.2o"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:33
S94	264320	(subterranean with formation) or (well with (hydrocarbon or oil)) or wellbore or well\$1 bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:33
S95	70	S94 and S93 and ((S90 or S92) with S91) and (S99 with coat\$4)	US-PGPUB; USPAT	OR	ON	2007/03/15 16:33
S96	5	S95 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/15 16:34
S97	8	S92 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/03/15 16:36
S98	946	((S90 with S91) or S92) and S93 and S94 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:49
S99	96	((S90 adj S91) or S92) and S93 and S94 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:50
S100	40	((((S90 adj S91) or S92) with S93) and S94 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:52
S101	899569	elastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:51
S102	7	((((S90 adj S101) or S92) with S93) and S94 and ("507"/\$.ccls. or "166"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/15 16:53

S103	59	507/125.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 13:30
S104	1146	166/305.1.cds.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/28 13:31
S105	1204	S103 S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:34
S106	2159079	bead or particle or particulate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35
S107	1475	expancel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35
S108	5789144	fluid or water or seawater or h2o or "h. sub.2o"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35
S109	270575	(subterranean with formation) or (well with (hydrocarbon or oil)) or wellbore or well\$1bore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35
S110	924386	elastic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35
S111	7	((S106 adj S110) or S107) with S108) and S109 and ("507"/\$.cds. or "166"/\$.cds.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 13:35

4/ 2/ 08 4:45:37 PM

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